



Generator Set Technical Specification Sheet – updated.

Model: GSA 30

General Features:

	3 Phase	1 Phase
Emergency standby power	29.9 kVA 23.9 kW	kVA kW
Prime power	29.0 kVA 23.2 kW	kVA kW
Power factor	0.8 Cosfi	Cosfi
Nominal voltage	400 Y Volt	Volt
Nominal frequency	50 Hz	Hz
Alternator connections	Star	Delta
Continuous power: At variable load according to ISO 3046 (ICN2)		

Engine:

Brand / Model	Deutz /F4L 2011F
Type / Stroke	Diesel / 4 stroke / Direct Injection
Number of cylinders / Configuration	4 / in-line
Cubic capacity	cc 2830
Aspiration	Natural
Cooling system	Air cooled
Starting system / voltage	Electric / 12
RPM	rpm 1500
Horsepower	kW 27.5
Oil capacity	Litres 9
Fuel consumption 75% load	Litres/h 5.2
Governor	Mechanical to G2

Alternator:

Brand / Model	Stamford BCI184F
Number of poles / rpm	4 pole / 1500 rpm
Voltage / Frequency	Volts / Hz 400 Y / 50
Nominal power	kVA 29.0
Power factor	Cosfi 0.8
Active power	kW 23.2
Efficiency @ 75% load	% 86.2
Maximum overload	10% for 1 hour in every 6 hours of operation
Voltage regulator	Electronic (±1.5% with 4% engine governing)

General Installation Data

Combustion air flow	m ³ /min	
Cooling air airflow	m ³ /min	26.1
Exhaust gas flow	m ³ /min	
Exhaust gas temperature @ LTP	°C	
Exhaust system back pressure	millibar	

Overall Dimensions & Weight:

		Open Set
Length	mm	1800
Width	mm	750
Height	mm	1570
Weight	kg	681
Fuel tank capacity	Litres	90
Run time @ 75% of rated load	h	17.3
Sound Pressure @ 7 metres	dB(A)	

The specifications quoted above are a guide only and in line with our policy of continuous product development we reserve the right to vary the specifications at any time without notice